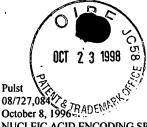
Applicant(s): Serial No.: Filed: For:



NUCLEIC ACID ENCODING SPINOCEREBELLAR ATAXIA-2 AND PRODUCTS RELATED THERETO Supplemental Amendment

REMARKS

Claim 1 having been amended, the pending claims are 1-5, 7-13, 40, 43, 49 and 52-54.

The sequences recited in claim 1 have been amended to recite the appropriate sequence identifiers. The sequence GGGCCCCTCACCATGTCG is SEQ ID NO:6 in the substitute sequence listing mailed to the Office May 22, 1998, and is supported by the specification at page 43, lines 18-19.

The sequence CCAATGTCCGCAAGCCCG (SEQ ID NO:19) has been added to the SEQUENCE LISTING (Second Substitute Sequence Listing, filed herewith). As is readily apparent from Fig. 6A as originally filed, SEQ ID NO:19 is the nucleotide sequence to which the primer SCA2-B (SEQ ID NO:7) binds (i.e., the sequence directly under the horizontal arrow labeled SCA2-B).

The specification has been amended to provide antecedent basis for the term "SEQ ID NO:19" recited in amended claim 1 as permitted under 37 C.F.R. §608.01(o). Accordingly, it is respectfully submitted that the amendment to the specification reciting SEQ ID NO:19 does not introduce new matter

It is respectfully submitted that the above amendments to the application fully obviate the omission noted by the Examiner in the Communication mailed August 18, 1998.

I HEREBY CERTIFY THAT THIS GORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS PIRS' CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT HINGTON, D.C. 20231.

October

Date

VAS:DLP:ldg

Respectfully submitted,

PULST

By:

By their Representatives,

Mueting, Raasch & Gebhardt, P.A.

P.O. Box 581415

Minneapolis, MN 55458-1415

(612)305-1220

Victoria A. Sandberg

Reg. No. 41,287

Direct Dial: 612-305-1226